

## ABSTRACT OF THE DISCLOSURE

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A guide wire having a non-metallic, non-woven core wire is disclosed.

Monofilar, polymeric fibers of multifilar helically-wound non-metallic fibers  
5 are preferred core wire materials. The guide wire optionally includes further  
coatings and other materials on the core wire. In one embodiment, a non-  
metallic distal coil wire is disclosed. The guide wire of this invention is  
particularly useable for magnetic resonance imaging applications.

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